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(71)Applicant : **SHARP CORP**

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(54) INK-JET PRINTER HEAD AND ITS MANUFACTURE

(57)Abstract:

PURPOSE: To increase the response speed and reduce the power consumption by a method wherein heat is prevented from being transferred from a heater, the heat capacity of the heater is made small.

CONSTITUTION: A heater is suspended above a base plate. The heater is built in a microbridge or a microcantilever construction by utilizing crystal axis anisotropic etching of silicon. Thereby, an ink jet printer that is capable of printing at a high speed and is convenient as a portable type can be offered. And, the heater can be easily and accurately built.

